

PROJECT SUMMARY

River Torrens to Darlington (T2D)

CLIENT : CPB / ACCIONA

PROJECT VALUE : \$15.4Bn

ENGAGEMENT PERIOD : OCT 2023 - MAR 2024

PROJECT OVERVIEW

The T2D Project is the final 10.5km section of Adelaide's North-South Corridor, and will complete 78km of non-stop, traffic light-free motorway between Gawler and Old Noarlunga. When complete, more than 50% of the T2D Project will be tunnels.



Involvement

Croí personnel were engaged to provide tender design services, including:

- Review design outputs to ensure constructability and compliance with utility providers' specifications.
- Contribute to program development, including work sequencing, productivity estimates, and traffic staging.
- Facilitate constructability workshops, drawing on civil, structural, and utility engineering expertise.
- Advise on optimal locations for utility crossings relative to future motorway structures.
- Engage with Tier 1 stakeholders to align design and construction sequencing of civil and structural works.
- Assist in the identification and planning of utilities for the early works package.
- Support risk management through ongoing maintenance of the project's risk register during the tender phase.

Key Interfaces

- Ausgrid
- Sydney Water
- Jemena
- Optus
- Telstra
- NBN

Key Achievements

- Ensured constructability and compliance of design outputs with utility authority specifications, reducing redesign risks.
- Led constructability workshops that identified and resolved critical design and construction issues early in the process.
- Benefitted project cost and timelines by determining optimal utility locations
- Proactively identified and scoped utilities for inclusion in the early works package, supporting efficient project mobilisation.
- Maintained and updated the risk register during the tender phase, improving visibility and control of project risks.

Key Benefits

- Improved constructability of designs, reducing rework and on-site clashes.
- Ensured alignment with utility authority requirements, supporting timely approvals and smoother execution.
- Enhanced program accuracy by integrating practical construction inputs early in planning.
- De-risked early works through clear identification of utility constraints and requirements.
- Strengthened collaboration between design and delivery teams through targeted workshops and stakeholder engagement.